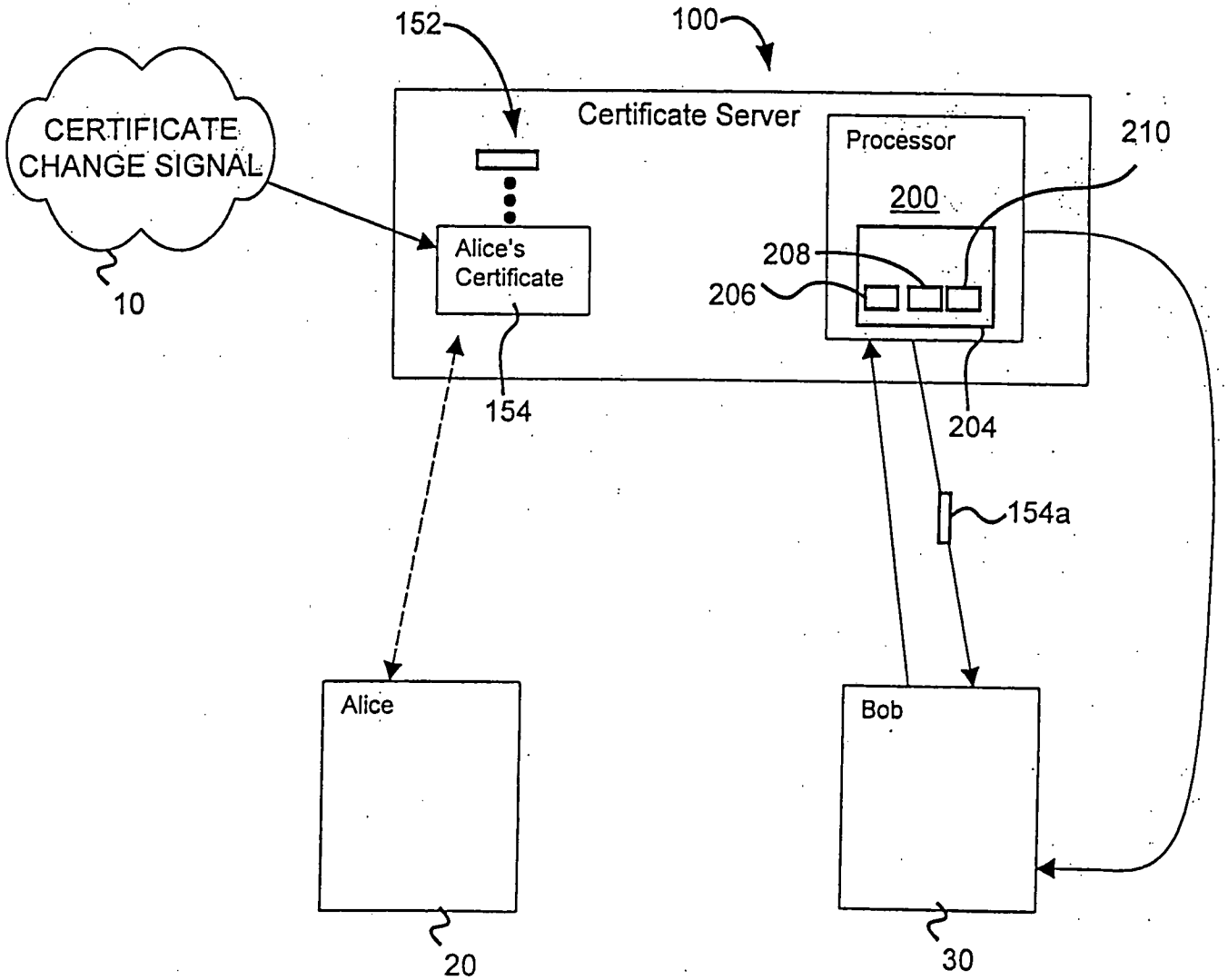
T092h0"h89TZ260

Fig. 1



Microsoft Corporation

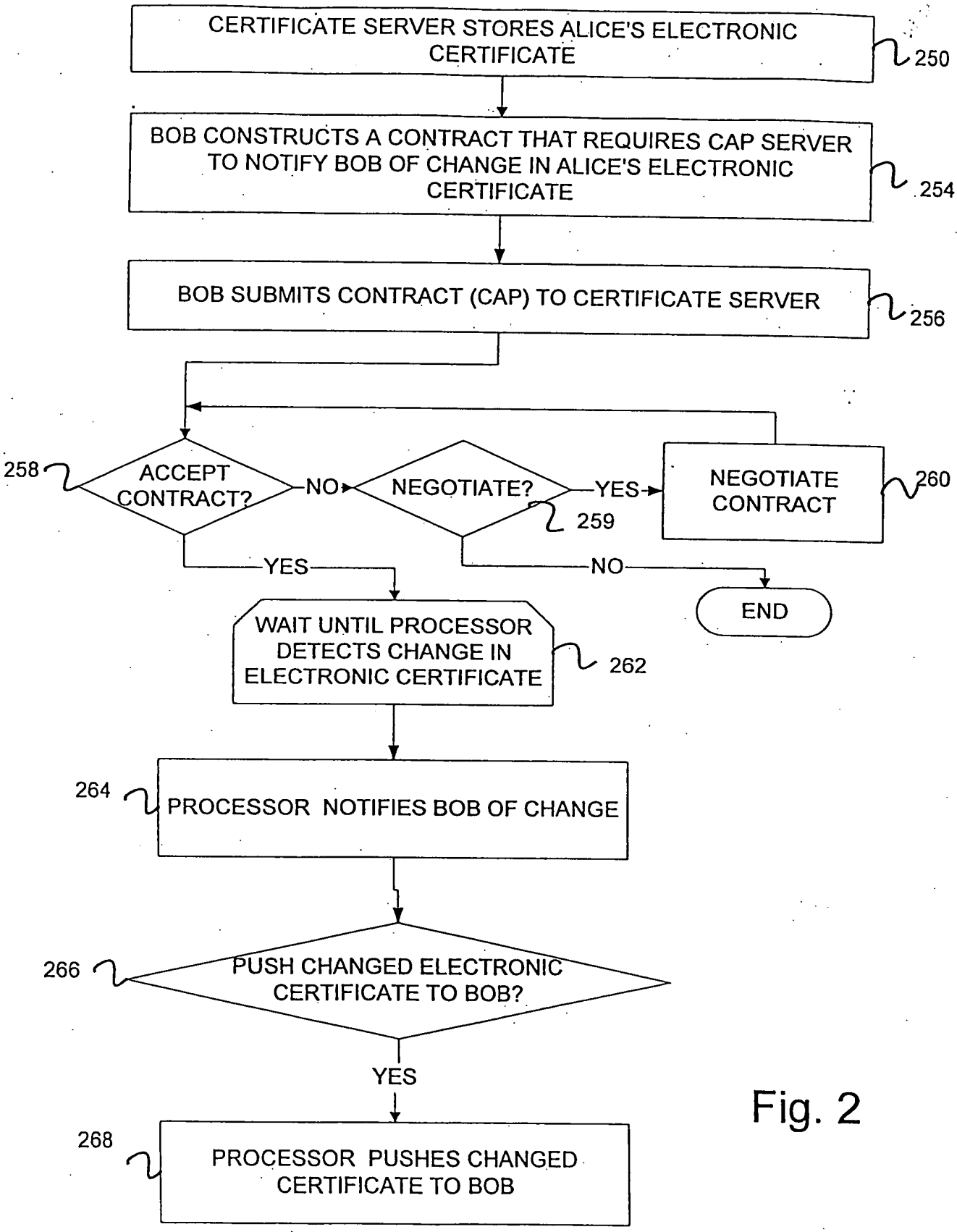
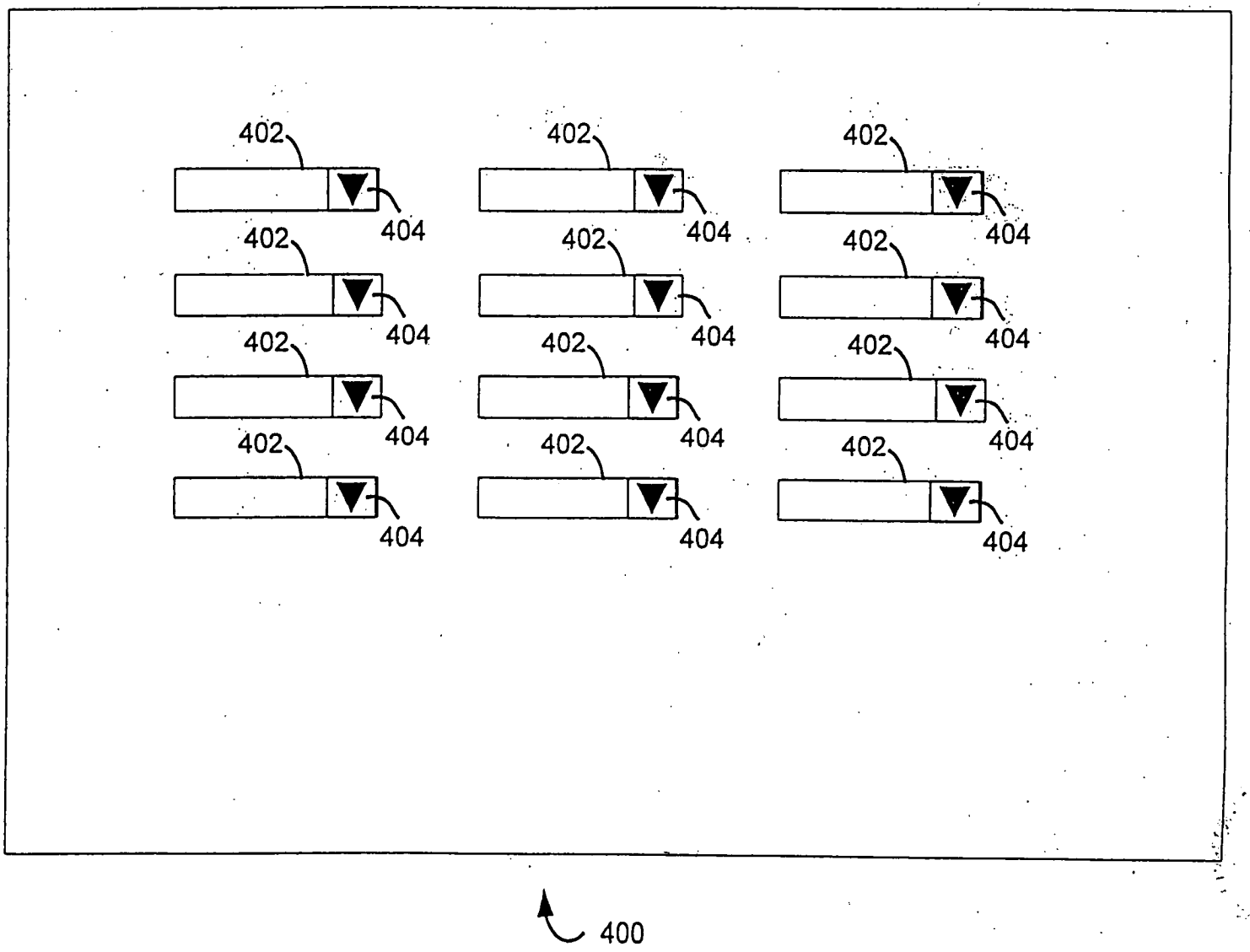


Fig. 2

TO92HO"H89T2760

Fig. 3



T092h0" h89T2760

Fig. 4

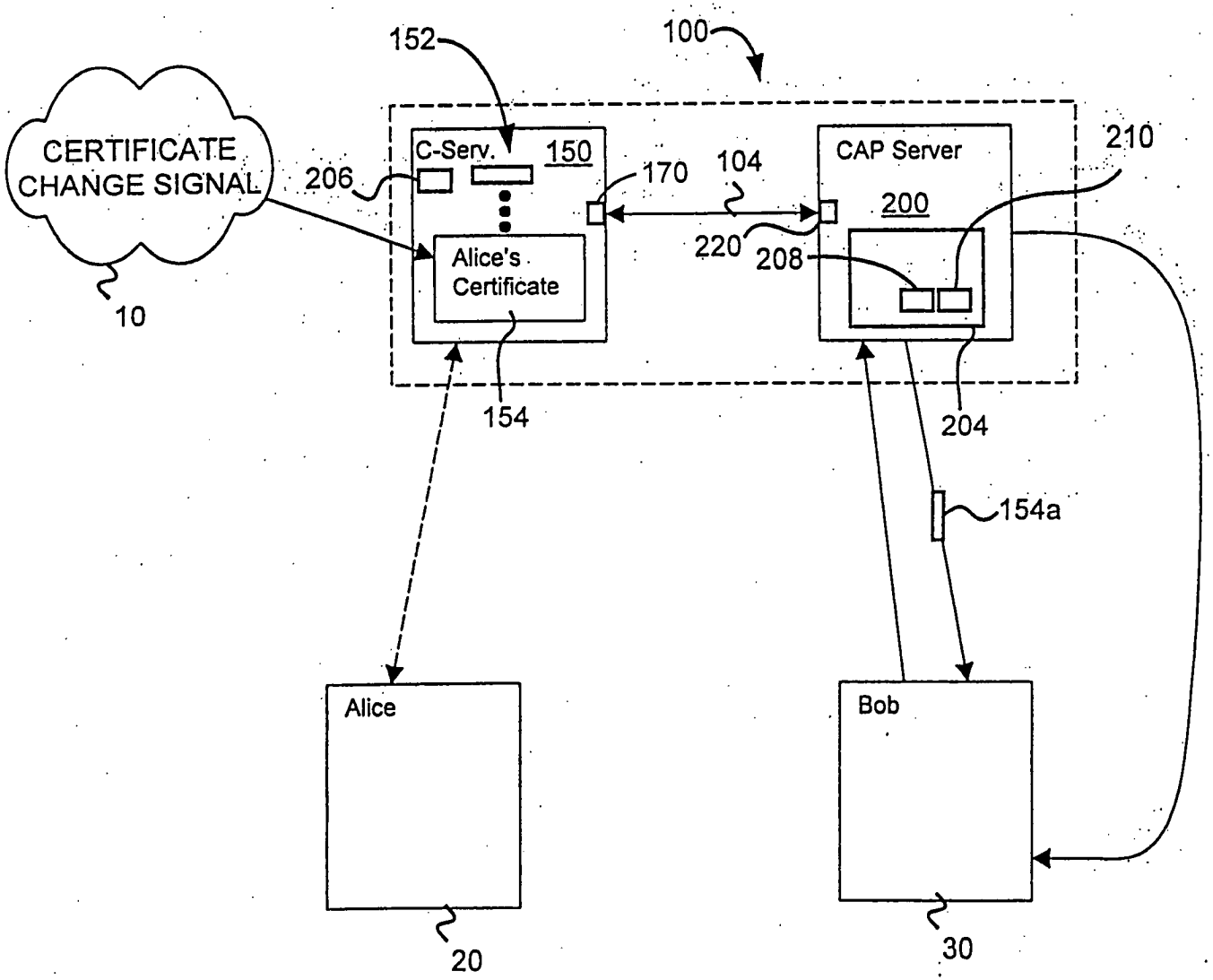


Figure 5

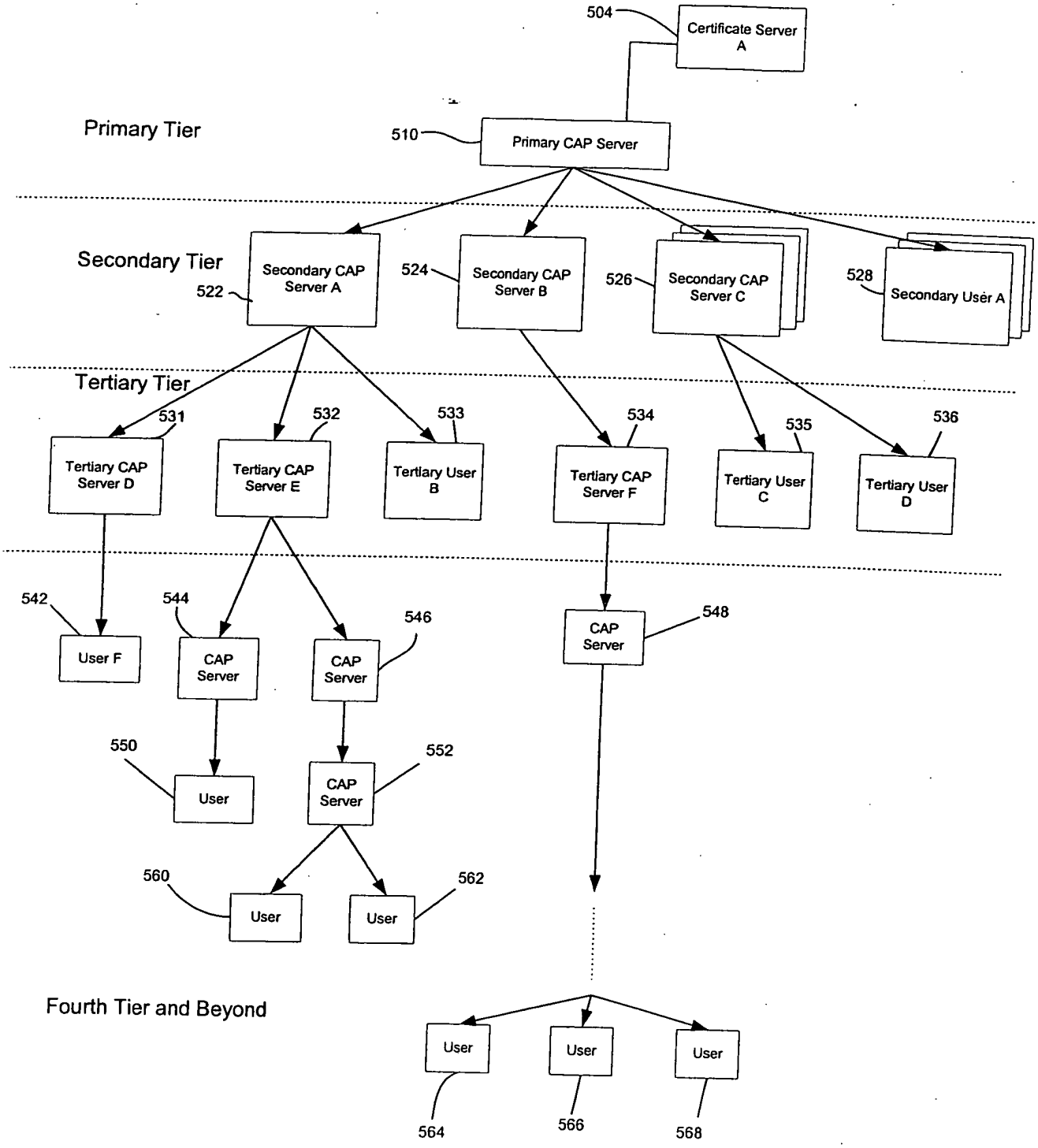

504
Certificate Server A
Primary Tier
510
Primary CAP Server
Secondary Tier
522
Secondary CAP Server A
524
Secondary CAP Server B
526
Secondary CAP Server C
528
Secondary User A
Tertiary Tier
531
Tertiary CAP Server D
532
Tertiary CAP Server E
533
Tertiary User B
534
Tertiary CAP Server F
535
Tertiary User C
536
Tertiary User D
542
User F
544
CAP Server
546
CAP Server
548
CAP Server
550
User
552
CAP Server
560
User
562
User
Fourth Tier and Beyond
User
User
User
564
566
568

Fig.6

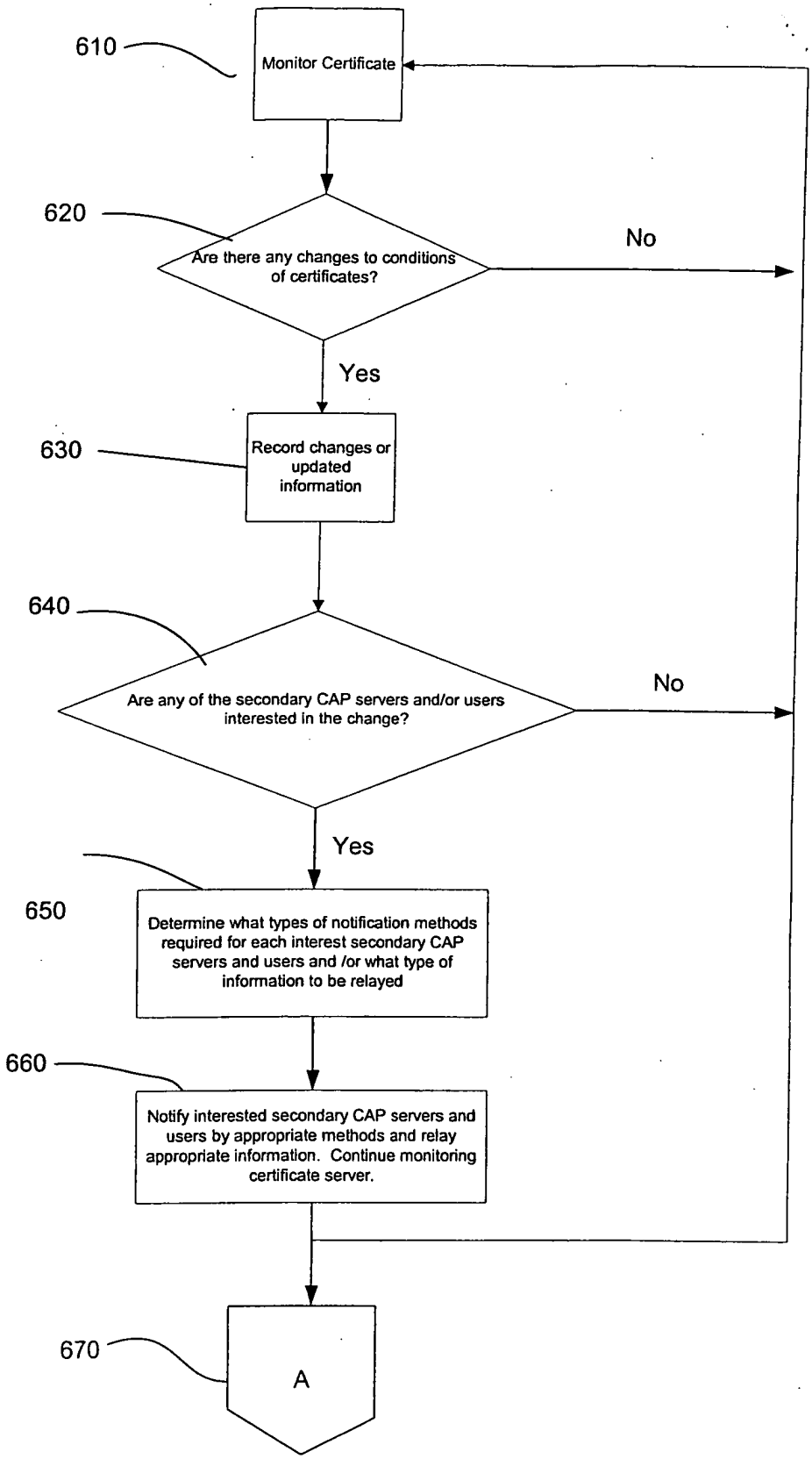

610
Monitor Certificate
620
Are there any changes to conditions of certificates?
No
Yes
630
Record changes or updated information
640
Are any of the secondary CAP servers and/or users interested in the change?
No
Yes
650
Determine what types of notification methods required for each interest secondary CAP servers and users and /or what type of information to be relayed
660
Notify interested secondary CAP servers and users by appropriate methods and relay appropriate information. Continue monitoring certificate server.
670
A

Fig.7

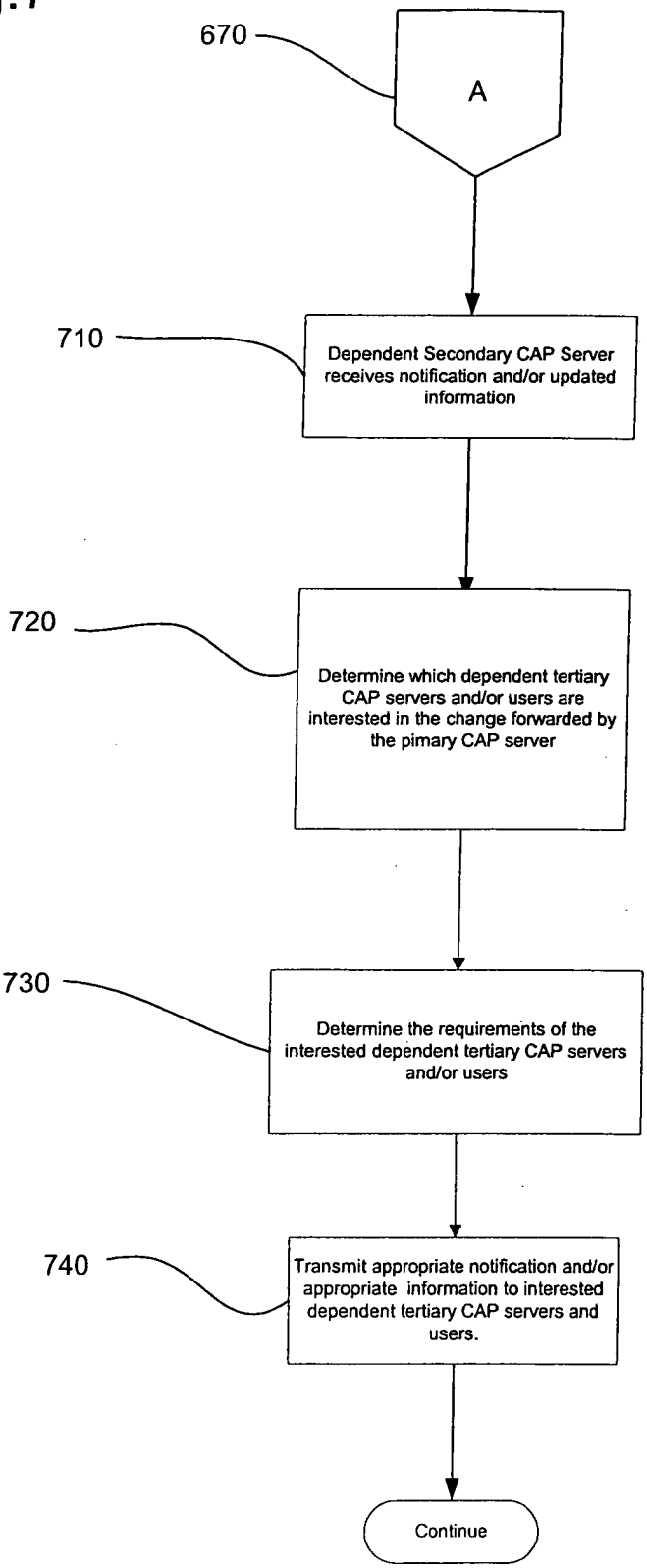
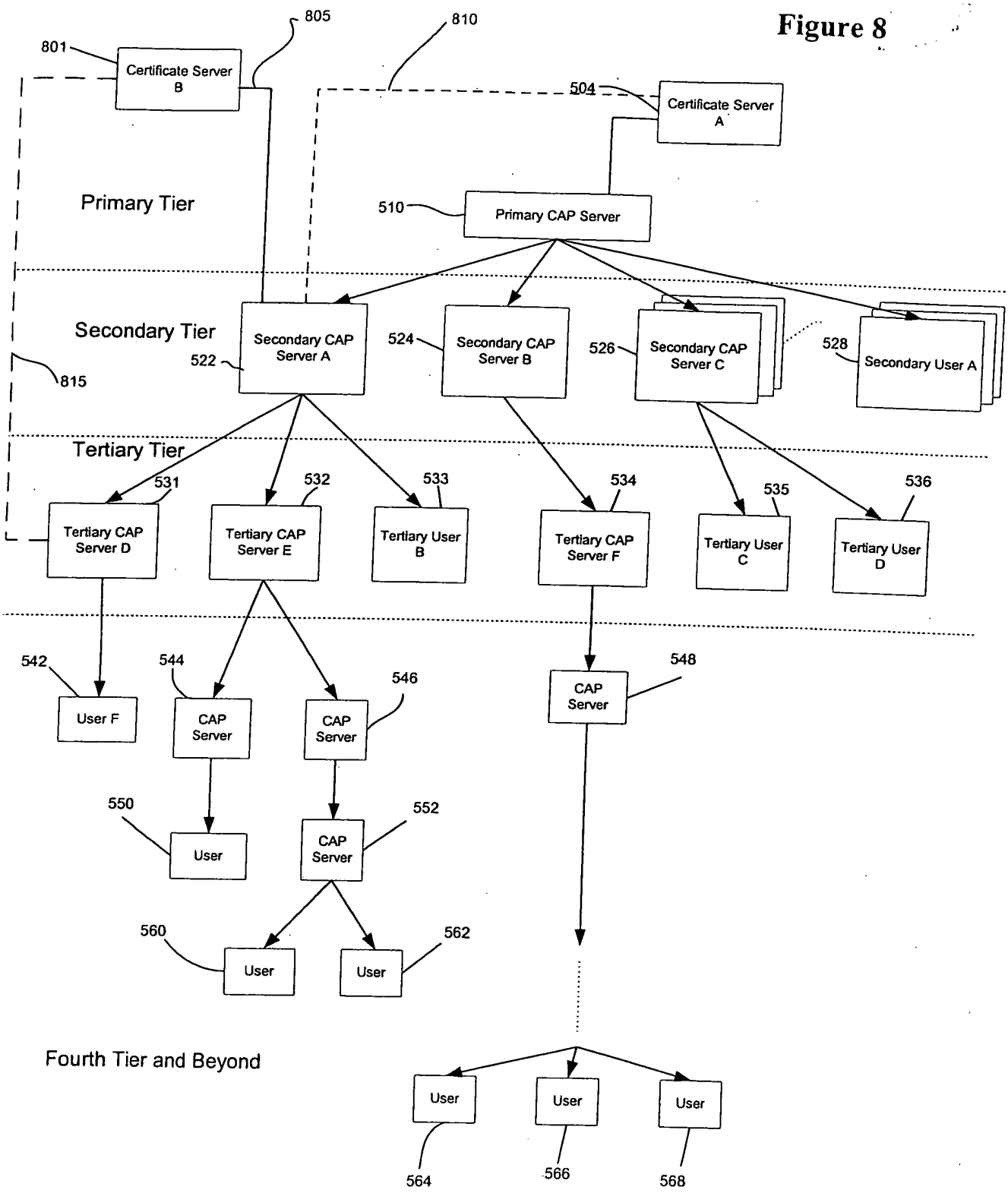

670
A
710
Dependent Secondary CAP Server receives notification and/or updated information
720
Determine which dependent tertiary CAP servers and/or users are interested in the change forwarded by the pimary CAP server
730
Determine the requirements of the interested dependent tertiary CAP servers and/or users
740
Transmit appropriate notification and/or appropriate information to interested dependent tertiary CAP servers and users.
Continue

Figure 8


801
Certificate Server B
805
810
504
Certificate Server A
Primary Tier
510
Primary CAP Server
Secondary Tier
522
Secondary CAP Server A
524
Secondary CAP Server B
526
Secondary CAP Server C
528
Secondary User A
815
Tertiary Tier
531
Tertiary CAP Server D
532
Tertiary CAP Server E
533
Tertiary User B
534
Tertiary CAP Server F
535
Tertiary User C
536
Tertiary User D
542
User F
544
CAP Server
546
CAP Server
548
CAP Server
550
User
552
CAP Server
560
User
562
User
Fourth Tier and Beyond
User
User
User
564
566
568